Applicant

CHOW, Kwok, Ying, Joseph et al.

Serial No.

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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

B. <u>Listing of the Claims</u>

1. (Original) A driving apparatus including a power supply (104), a controlling IC,

flash members (100a, 100b, 100c, 100d, 100e), and a switch module is characterized by

that the said switch (112) connected with the trigging pin TG of the controlling IC is provided

with two or more contacts (109,111), and a condition recognizer that will switch into

conduction or cutoff according to a given condition is connected between the switch (112)

and the trigging pin TG.

2. (Original) A flash driving apparatus according to Claim 1, characterized by that the

said condition recognizer includes a NAND gate (113), the output of gate (113) is connected

to the trigging pin TG of the controlling IC, the pin of the comparator end (101) of gate (113)

is connected to a contact (111) of the switch (112), and is connected to ground or to the

negative electrode of the power supply, another pin (102) of the comparator end of the

NAND gate (113) is connected to another contact (109) through a capacitor (108), two ends

of the capacitor are grounded or connected to the negative electrode of the power supply.

3. (Original) A flash driving apparatus according to Claim 1, characterized by that the

said switch (112) is an elastic one, including a spring (121), one end of the spring is fixed on

the conducting saddle (207) which is connected to the external circuit; at the free end of

spring (121) are fixed two or more conducting slabs (206,208) which constitute the contacts

of the switch (112), the conducting slabs (206,208) are connected to the external circuit.

4. (Original) A flash driving apparatus according to Claim 1, characterized by that the

said switch (112) is an elastic one, spring (203) are sleeved with two or more conducting

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rings (201,202), which are laid around spring (203) and constitute two or more contacts of switch (112) and are connected to external circuit.

5. (Currently amended) A flash driving apparatus according to Claim 1, 2, 3 or 4, characterized by that the said power supply is connected with a charging circuit.

6. (Currently amended) A flash driving apparatus according to Claim 1, 2, 3-or 4, characterized by that two said power supplies are provided: the first power supply (104) and the second power supply (V1); the first power supply (104) is connected through the controlling IC to the low voltage flash members (100a, 100b, 100c, 100d); the high voltage flash member (100e) is connected to the collector of triode (80) whose emitter is connected to second power supply (V1), whose base is connected to the first power supply (104) through a resistance-capacitance resistor (81), thus the flash members are provided with high voltage.

7. (Currently amended) A flash driving apparatus according to Claim 1, $\frac{2}{2}$, $\frac{3}{3}$ or $\frac{4}{3}$, characterized by that a boost circuit is added at thee the place of the flash member of (100e).